

Docket No.: 67161-138

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Customer Number: 20277  
Tsukasa OOISHI : Confirmation Number: 5634  
Application No.: 10/777,069 : Group Art Unit: 2818  
Filed: February 13, 2004 : Examiner: Not yet assigned  
For: THIN FILM MAGNETIC MEMORY DEVICE FOR WRITING DATA OF A PLURALITY  
OF BITS IN PARALLEL :

**REQUEST FOR CORRECTED FILING RECEIPT**


Mail Stop OFR  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached is a copy of the Filing Receipt received from the U.S. Patent and Trademark Office in the above-referenced application. It is noted that the assignee information is incorrect. Attached is a copy of the Assignment Document, which evidences that the assignee information should read: **mitsubishi denki kabushiki kaisha**. It is requested that a corrected filing receipt be issued.

Respectfully submitted,

MCDERMOTT WILL & EMERY LLP

  
Stephen A. Becker  
Registration No. 26,527

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
202.756.8000 SAB:aph  
Facsimile: 202.756.8087  
**Date: November 1, 2004**



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
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| APPL NO.   | FILING OR 371<br>(c) DATE | ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLMS | IND CLMS |
|------------|---------------------------|----------|---------------|-----------------|----------|----------|----------|
| 10/777,069 | 02/13/2004                | 2818     | 770           | 67161-138       | 18       | 1        | 1        |

CONFIRMATION NO. 5634

McDermott, Will & Emery  
 600 13th Street, N.W.  
 Washington, DC 20005-3096

## FILING RECEIPT



\*OC000000012580774\*

Date Mailed: 05/10/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Tsukasa Ooishi, Hyogo, JAPAN;

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MAY 12 2004

## Assignment For Published Patent Application

RENESAS, Tokyo, JAPAN;

MITSUBISHI DENK K K KABUSHIKI KASAHA, Tokyo, Japan

## Domestic Priority data as claimed by applicant

This application is a DIV of 10/170,580 06/14/2002 PAT 6,714,443

## Foreign Applications

JAPAN 2001-389058(P) 12/21/2001

If Required, Foreign Filing License Granted: 05/10/2004

Projected Publication Date: 08/19/2004

Non-Publication Request: No

Early Publication Request: No

## Title

Thin film magnetic memory device for writing data of a plurality of bits in parallel

**Preliminary Class**

365

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

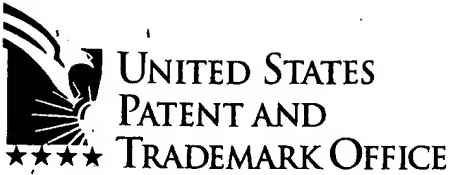
The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

AUGUST 26, 2002

MCDERMOTT, WILL & EMERY  
STEPHEN A. BECKER  
600 13TH STREET, N.W.  
WASHINGTON, DC 20005

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McDermott, Will & Emery

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov



\*102134568A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/14/2002

REEL/FRAME: 013017/0014  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
OOISHI, TSUKASA

DOC DATE: 05/27/2002

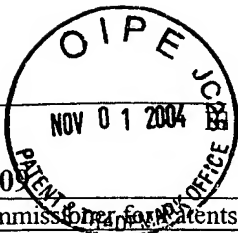
ASSIGNEE:  
MITSUBISHI DENKI KABUSHIKI KAISHA  
2-3 MARUNOUCHI 2-CHOME  
CHIYODA-KU  
TOKYO 100-8310, JAPAN

SERIAL NUMBER: 10170580  
PATENT NUMBER:

FILING DATE: 06/14/2002  
ISSUE DATE:

DOROTHY RILEY, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

Docket No.: 57454-60



06-26-2002



102134568

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

## 1. Name of Conveying Party(ies):

Tsukasa OOISHI

06/14/02

Additional name(s) of conveying party(ies) attached? ☐ Yes

## 3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: May 27, 2002

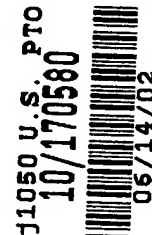
## 2. Name and address of receiving party(ies):

Name: MITSUBISHI DENKI KABUSHIKI KAISHA

Address: 2-3, Marunouchi 2-chome,

Chiyoda-ku,

TOKYO 100-8310 JAPAN

Additional name(s) & address(es) attached? ☐ Yes

## 4. Application number(s) or patent number(s):

10/170580

If the document is being filed together with a new application, the execution date of the application is: May 27, 2002

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ☐ Yes

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: MCDERMOTT, WILL &amp; EMERY

Internal Address:

Street Address: 600 13<sup>th</sup> Street, N.W.

City: Washington State: DC Zip: 20005

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 3.41)

\$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

## 8. Deposit account number:

500417

DO NOT USE THIS SPACE

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Stephen A. Becker, 26,527

June 14, 2002

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

25/2002 DBYRNE 00000053 500417 10170580

FC:581 40.00 CH

Docket No.:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

|                           |           |           |
|---------------------------|-----------|-----------|
| (1) <u>Tsukasa OOISHI</u> | (4) _____ | (7) _____ |
| (2) _____                 | (5) _____ | (8) _____ |
| (3) _____                 | (6) _____ | (9) _____ |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

Mitsubishi Denki Kabushiki Kaisha of  
2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

THIN FILM MAGNETIC MEMORY DEVICE FOR WRITING DATA OF A PLURALITY OF BITS  
IN PARALLEL

(a) for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Serial No. \_\_\_\_\_; or

(b) for which an application for United States Letters Patent was executed on May 27, 2002

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE. for its interest as ASSIGNEE. its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE:

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

1)   
 Name: Tsukasa OOISHI

May 27, 2002

2) \_\_\_\_\_  
 Name: \_\_\_\_\_

3) \_\_\_\_\_  
 Name: \_\_\_\_\_

4) \_\_\_\_\_  
 Name: \_\_\_\_\_

5) \_\_\_\_\_  
 Name: \_\_\_\_\_

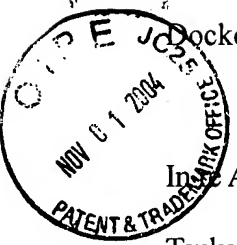
6) \_\_\_\_\_  
 Name: \_\_\_\_\_

7) \_\_\_\_\_  
 Name: \_\_\_\_\_

8) \_\_\_\_\_  
 Name: \_\_\_\_\_

9) \_\_\_\_\_

ITW



Socket No.: 67161-138

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|   |   |                            |
|---|---|----------------------------|
| Inventor Application of   | : | Customer Number: 20277     |
| Tsukasa OOISHI  | : | Confirmation Number: 5634  |
| Application No.: 10/777,069   | : | Group Art Unit: 2818       |
| Filed: February 13, 2004  | : | Examiner: Not yet assigned |
| For: THIN FILM MAGNETIC MEMORY DEVICE FOR WRITING DATA OF A PLURALITY OF BITS IN PARALLEL | : |                            |

**SUPPLEMENTAL POWER OF ATTORNEY AND CUSTOMER NUMBER**

Mail Stop OIPE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

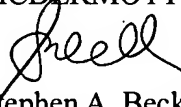
Here is a listing of ten registered attorneys to be made of record in this application. All are registered practitioners of McDermott Will & Emery (Customer Number 20277).

Stephen A. Becker, Reg. No. 26,527; Bernard P. Codd, Reg. No. 46,429; Ramyar M. Farid, Reg. No. 46,692; Michael E. Fogarty, Reg. No. 36,139; Keith E. George, Reg. No. 34,111; John A. Hankins, Reg. No. 32,029; Michael A. Messina, Reg. No. 33,424; Gene Z. Robinson, Reg. No. 33,351, Arthur J. Steiner, Reg. No. 26,106; and Tomoki Tanida, admitted under 37 CFR 10.9(b).

Please recognize our Customer No. 20277 as our correspondence address.

Respectfully submitted,

MCDERMOTT WILL & EMERY LLP

  
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Registration No. 26,527

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
202.756.8000 SAB:aph  
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**Date: November 1, 2004**